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JUN 16 2004

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7590 05/11/2004

The Law Office of Steven G. Roeder
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James P. Broder

(Depositor's name)

(Signature)

June 9, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,799	07/02/2003	Robert Fairchild	Q02-1034-US2/11198.84.DIV	7364

TITLE OF INVENTION: THERMAL COOLING SYSTEM FOR DENSELY PACKED STORAGE DEVICES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	08/11/2004
EXAMINER		ART UNIT		CLASS-SUBCLASS	
DUONG, HUNG V		2835		361-687000	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 James P. Broder

2 Steven G. Roeder

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

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(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Quantum Corporation

Milpitas, California

Please check the appropriate assignee category or categories (will not be printed on the patent): individual corporation or other private group entity government

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06/17/2004 HGUTEMAR 00000015 10613799

01 FC:1501	1330.00	OP
02 FC:1504	300.00	OP
03 FC:8001	18.00	OP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number: 10/613,799

Title: THERMAL COOLING SYSTEM FOR DENSELY PACKED STORAGE DEVICES

Attorney Docket Number: Q02-1034-US2 / 11198.84.DIV

ISSUE FEE TRANSMITTAL LETTER

Mail Stop Issue Fee
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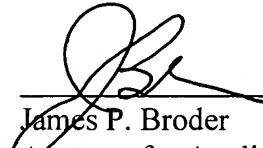
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1. X Issue Fee Transmittal (PTOL-85B).
2. X A check in the amount of \$1648.00, which includes \$1630.00 for the issue fee and \$18.00 for 6 copies of the patent.
3. () sheets of formal drawing(s). Please substitute these formal drawing(s) for the informal drawing(s) originally filed.
4. X A return receipt postcard.

Please credit any overpayment or charge any additional fees to Deposit Account 50-1141 of the undersigned.

6/9/04
Date



James P. Broder
Attorney for Applicant(s)
Reg. No. 43,514

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JAMES P. BRODER, Attorney for Applicant--Registration No. 43,514